STANDARDS

MULTI-Flex+ conforms to the CE directive

Standards :

NF EN 61000-3-1 : EMC
NF EN 61000-6-1 : Low Voltage Directive

COMPONENTS

- 2 IP2X voltage measurement cables
- 1 MULTI-Flex+
- 1 carrying case
- 1 9V battery (included in MULTI-Flex)
- 1 user leaflet

WARRANTY

1 year. Repairs in our workshops

MADE S.A.
167, Impasse de la garrigue
F 83210 LA FARLEDE
Tél. : +33 (0) 494 083 198
Fax : +33 (0) 494 082 879
E-mail : contact@made-sa.com
Web : http://www.made-sa.com

MULTI-FLEX+

USER'S MANUAL

APPLICATION

2 Channel digital multimeter for measuring: Voltage, Current (using the MADE-Flex flexible coil), Active Power and Power Factor.
Also included: Continuity test.

PRESENTATION

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PRESENTATION

DESCRIPTION

MULTI-Flex+ is a digital multimeter, equipped with a flexible amperometric clamp (**MADE-Flex**) to measure Current, Voltage, and check the continuity on LV network. The combination of the two inputs is used to calculate instantaneous Active Power and Power factor on one phase. **MULTI-Flex+** is used to display the RMS value integrated over 1 second of alternating current, voltage, power and power factor.

4 automatic ranges for current:
50A-200A-400A-2000A.
2 automatic ranges for voltage:
100-480 VAC.

A “continuity checking” mode, protected against power surges, can measure from 0 to 2 kΩ. Automatic shutdown of the device after 5 minutes. “Max” mode is obtained by pressing the button of the continuous current mode. A backlight function is available.

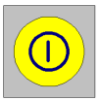
TECHNICAL CHARACTERISTICS

Current input	MADE-Flex - Amp AC	Bandpass 10Hz-10kHz
Voltage input	2 cords with protected plug	IP2X
Current measurement range	4 ranges	50,200,400,2000 AC RMS
Voltage measurement range	2 ranges	100 - 480V AC RMS
Power measurement range	1 range	0 - 1000 kW
Power Factor measurement range	1 range	0.00 à +1.00
Continuity	Buzzer between 0 and 200Ω	0 à 2KΩ
Number of channels	2 channels (current and voltage)	
Resolution	Unit of the last digit displayed	
Sampling	RMS value: 1 second	
Accuracy	0.3% (Max value in the range) < A < 5% (Min value in the range) 45 Hz < Frequency < 65 Hz	
Influence of the sensor shape	1%	
Influence of the conductor position in the flexible coil	1%	
Temperature range	Operating: -20° +50° Storing : -20° +70°	
Power supply	9V Type E-BLOCK 6 LR 61. PP3	
Autonomy	8 hours	
Display	4 digits	
Protection class IP	IP 55	

STARTUP

Press the Power button.
This button is also used as ‘mode change’.
Put the loop around a single conductor to measure (**single wire, phase or neutral**)

TO TURN OFF



Press the Stop button

BATTERY CHANGE

If the display blinks and says "batt", change the 9V battery type: E-Block 6LR61. To prevent any electrical hazard, disconnect the test leads before opening the battery compartment.

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September 2011
MADE – V 1.00

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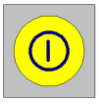

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